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monthly bibliography of medical reviews

IMPORTANT
NOTICE
INSIDE

NATIONAL LIBRARY OF MEDICINE PUBLICATIONS

NLM's publications may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. (Please do not send orders to the National Library of Medicine.) Remittance should accompany orders and, unless otherwise specified, foreign orders should include an additional 25% of the domestic price to cover mailing. To avoid delays, send a separate order for each title requested, and include full title, price, and GPO catalog number.

Index Medicus: Published monthly as a bibliographic listing of references to current articles from approximately 2,250 of the world's biomedical journals. Included are subject and author sections and a separate Bibliography of Medical Reviews. *Medical Subject Headings* is included as Part 2 of the January issue. Annual subscription: \$170.00 (\$213.00 foreign); single issues \$13.75.
HE 20.3612-

Cumulated Index Medicus, 1976, Volume 17: A cumulation in eight volumes of the approximately 270,000 citations appearing in *Index Medicus* in 1976. Included are author and subject sections, *Medical Subject Headings*, *List of Journals Indexed*, and *Bibliography of Medical Reviews*. Price: \$202.00 (\$252.50 foreign).
HE 20.3612/3.17
S/N 017-052-00173-6

Abridged Index Medicus: A monthly bibliography, based on articles from 100 English-language journals, designed for the individual practitioner and libraries of small hospitals and clinics. Annual subscription: \$31.35 (\$39.20 foreign); single issues \$2.65.
HE 20.3612/2-

Cumulated Abridged Index Medicus, 1976, Volume 7: A cumulation in one volume of the citations appearing in the monthly *Abridged Index Medicus* in 1976. Contains subject and author sections. Price: \$23.00 (\$28.75 foreign). [1970 and 1971: \$22.75 (\$28.45 foreign); 1972: OUT OF PRINT; 1973: \$24.00 (\$30.00 foreign).]
HE 20.3612/2.7
S/N 017-052-00176-1

List of Journals Indexed in Index Medicus, 1977. Contains four listings of journals indexed: title, abbreviation, subject, and geographical. Price: \$2.70 (\$3.40 foreign).
HE 20.3612/4.977
S/N 017-052-00177-9

Bibliography of Medical Reviews, 1966-70: A cumulation of citations to reviews for the period 1966-70; subject index only. Price: \$14.65 (\$18.35 foreign).
HE 20.3610/2.966-70
S/N 017-052-00133

Bibliography of Medical Reviews, 1971-75: A cumulation of citations to reviews for the period 1971-75. Price: \$20.00 (\$25.00 foreign).
S/N 017-052-00178-7

NLM Current Catalog: A bibliographic listing of citations to publications cataloged by the Library. Issued in two forms: (a) quarterly (noncumulating, subject and name sections), (b) annual cumulation (subject and name sections). Prices: (a) 4 three-month cumulations (quarterlies)—\$23.50 (\$29.50 foreign), single issues \$6.00; (b) annual cumulation (1976) \$23.00 (\$28.75 foreign).
(a) HE 20.3609:
(b) S/N 017-052-00179-5

NLM Current Catalog, 1971-1975: Cumulative volume, in five books. Price: \$113.00 (\$141.25 foreign).
HE 20.3609/3.971-75/NO. 1-5
S/N 017-052-00172-8

Index to the Report of the Secretary's Commission on Pesticides and Their Relationship to Environmental Health: designed to assist users in rapidly finding information in the *Report of the Secretary's Commission on Pesticides and Their Relationship to Environmental Health* (known as the "Mark Report," 1969, GPO, price: \$3.00). Contains Chemical Substance Index, Subject Index, and Bibliography. 1972. Price: \$2.90 (\$3.65 foreign).
HE 20.3602:P43
S/N 017-052-00137

Index of National Library of Medicine Serial Titles: Provides a key-word-out-of-context (KWOC) index to approximately 19,000 serial titles received by NLM. 1973. Price (reprint edition) \$14.00 (\$17.50 foreign).
HE 20.3618.972
S/N 017-052-00142-6

Drug Interactions—An Annotated Bibliography with Selected Excerpts 1970-1971: Casebound. 796 pages. 1974. Price: \$17.70 (\$22.15 foreign).
HE 20.3614:D84/970-71/v. 2
S/N 017-052-00157

Current Bibliography of Epidemiology 1976, Volume 8: A cumulation of the 12 monthly issues of *Cube* for 1976. Casebound. Price: \$21.00 (\$26.25 foreign).
HE 20.3617/2.7
S/N 017-052-00180-9

Bibliography of the History of Medicine, No. 5 1964-1969: Cumulative volume, including Nos. 1-4 plus approximately 3,800 new citations. Casebound. 1972. Price: \$18.65 (\$23.65 foreign).
HE 20.3615.5
S/N 017-052-00130

Bibliography of the History of Medicine, No. 10, 1970-1974: (includes Nos. 6-9). Price: \$16.00 (\$20.00 foreign).
HE 20.3615.10
S/N 017-052-00171-0

Bibliography of the History of Medicine, No. 11, 1975. Price: \$3.25 (\$4.10 foreign).
S/N 017-052-00182-5

Medical Subject Headings, 1977. Published as Part 2 of the January *INDEX MEDICUS*. The subject headings in the 1977 *MeSH* are arranged alphabetically, with cross references and in categorized lists. (Included with subscription to *INDEX MEDICUS*, also available separately for \$8.20 (\$10.05 foreign)).
HE 20.3612:18/1-Pt. 2
S/N 017-052-71095-8

International Bibliography of the History of Legal Medicine (1974): An annotated list of citations to published material on the history of legal medicine in the holdings of the National Library of Medicine and other sources. Price: \$5.50 (\$6.90 foreign).
HE 20.3614:M46
S/N 017-052-00148-5

National Medical Audiovisual Center Catalog, 1977: A list of motion pictures available on loan from NMAC in Atlanta. Price: \$4.25 (\$5.35 foreign).
S/N 017-052-00181-7

A Profile of the U.S. Public Health Service, 1798-1948. A case-bound, illustrated history of the U.S.P.H.S., written by Bess Furman Armstrong. 1973. Price: \$7.80 (\$9.75 foreign).
HE 20.3602:P96/798-948
S/N 017-052-00140

National Library of Medicine Classification: A Scheme for the Shelf Arrangement of Books in the Field of Medicine and Its Related Sciences. Third Edition, 1964, with 1969 Supplement. PHS Pub. No. 1108, Reprinted 1969. Out of print. New edition planned for publication in 1978.

Highlights in Medicolegal Relations: An annotated chronology of important events in legal medicine. 1976. Price: \$5.30 (\$6.65 foreign).
HE 20.3602:M46/3
S/N 017-052-00170-1

National Library of Medicine AVLINE Catalog (1975-1976): a listing, by subject, of references to some 2,400 audiovisual instructional materials in the health sciences as cataloged by NLM for its AVLINE (Audiovisuals On-Line) data base. 1977. Price: \$5.00 (\$6.25 foreign).
S/N 017-052-00183-3



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ZW Monthly bibliography of medical reviews.
1 v. 1- Jan. 1968.
B588a [Bethesda, Md.] National Library of Medicine.
v.
References cited appear also in Index medicus.
1. Medicine - indexes I. National Library of Medicine.

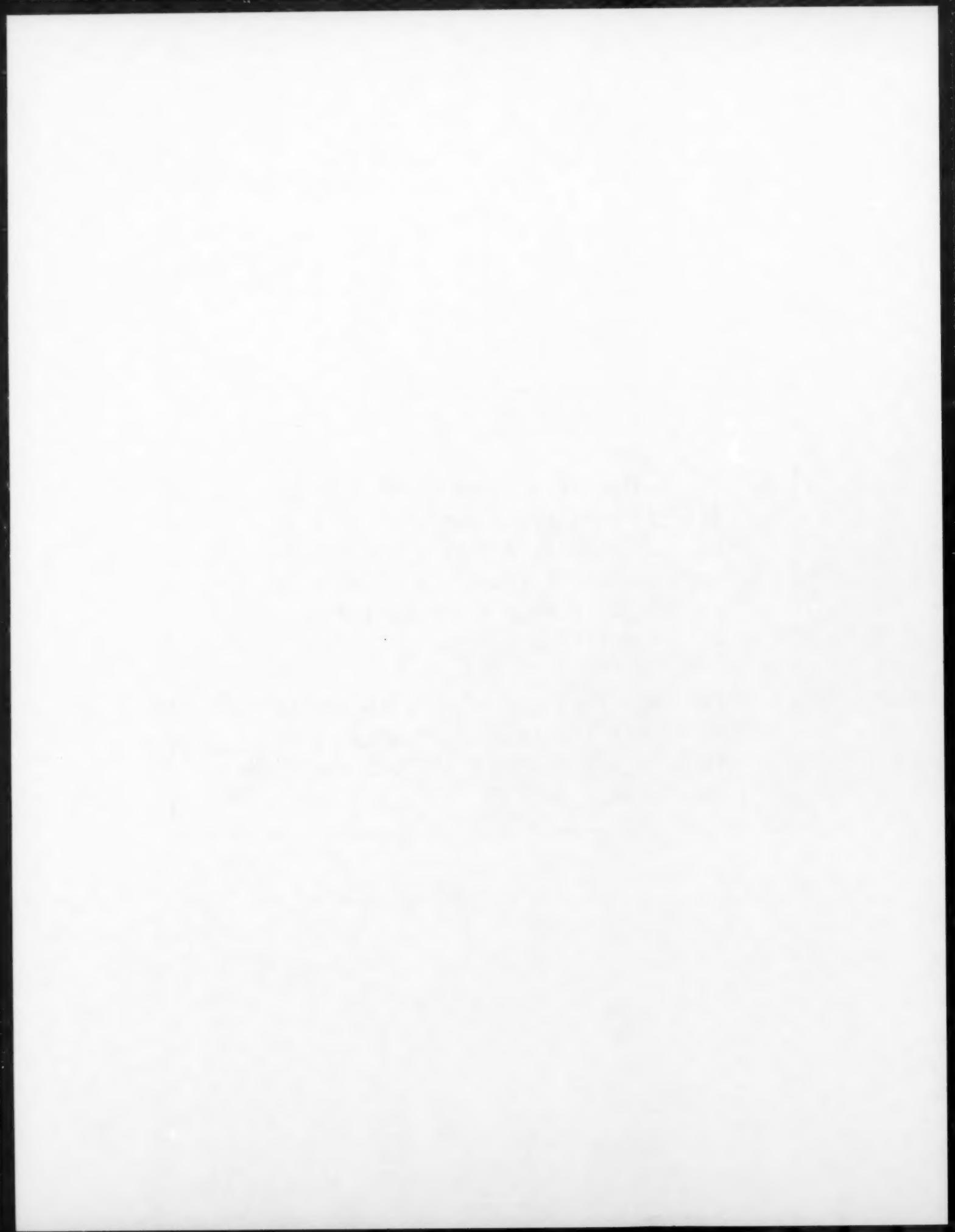
The Secretary of Health, Education, and Welfare has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this Department. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through December 31, 1979.

For sale by the Superintendent of Documents, U.S. Government Printing Office Washington, D. C. 20402 - Price \$1.10 (single copy). Subscription Price: \$12.75 per year; \$15.95 foreign.

IMPORTANT NOTICE

The MONTHLY BIBLIOGRAPHY OF MEDICAL REVIEWS will cease publication with the December 1977 issue. The Superintendent of Documents will make necessary adjustments for subscriptions which expire in 1978.

The "Bibliography of Medical Reviews" will continue to be published as a section within INDEX MEDICUS and CUMULATED INDEX MEDICUS.



INTRODUCTION

In 1948 at a Royal Society Scientific Information Conference, J. D. Bernal reported on a preliminary analysis of a study on the use of scientific literature. The object of the questionnaire was to find out directly from working scientists what they had read, why they had read it, and what use they had made of the information. In his report, Bernal stated that an overwhelming proportion of scientists read and appreciated reviews and that reviews formed a very important and increasing part of general background reading.

The reading habits of medical investigators, clinicians, and educators, and of workers in fields allied to medicine amply confirm today the observation of Bernal twenty-eight years ago. Indeed, as biomedical literature expands, the need for reviews appears more obvious.

Through the *Monthly Bibliography of Medical Reviews*, the Library hopes to provide health professionals with an easily accessible desk reference tool for guidance to the latest reviews in the journal literature of biomedicine.

Medical reviews are defined by the Library as articles which are well-documented surveys of the recent biomedical journal literature. In most cases articles include a list of references either in the body of the paper or as a bibliography. Articles which include case reports are considered reviews only when the case reports serve to document the subject of the review.

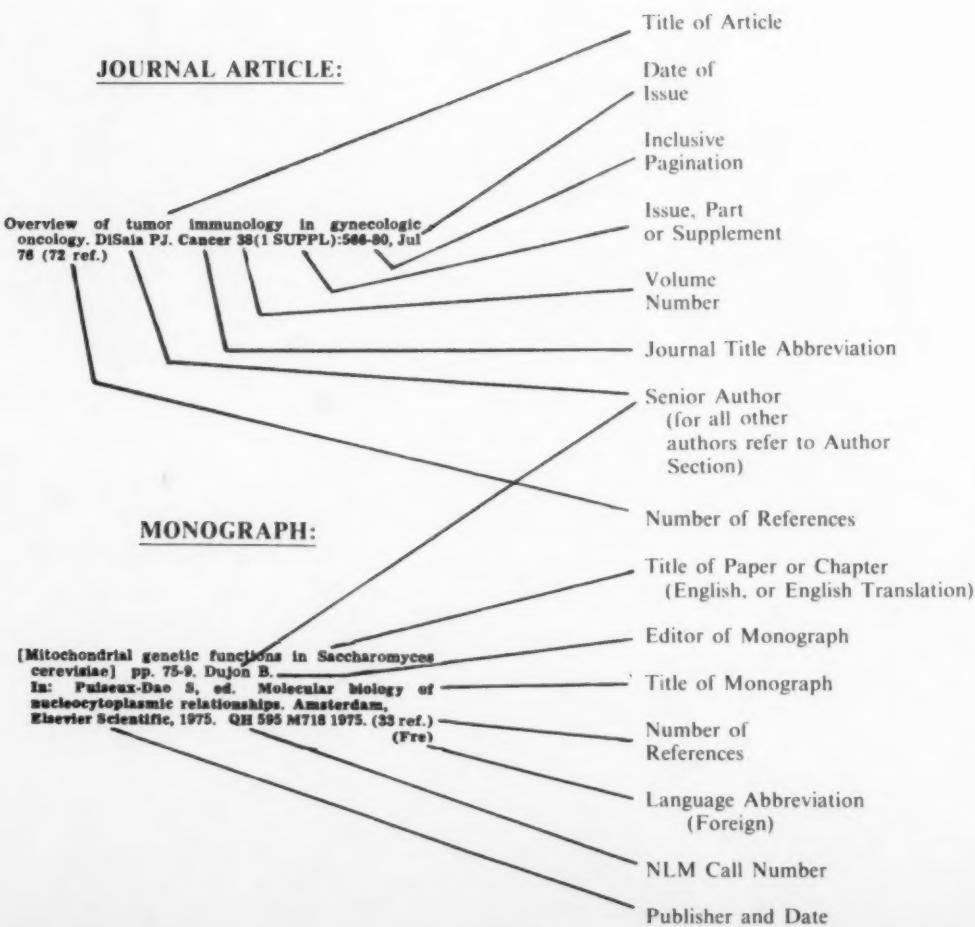
Articles with the following characteristics are not considered as reviews in this bibliography: case reports or original research articles containing a review of the literature as an adjunct; statistical and epidemiological surveys; historical reviews; bibliographies which comprise only a listing of references; monthly summaries of subject areas which appear as a regular feature in journals; theses; and lengthy articles covering many aspects of a specific subject which are more appropriately considered as refresher courses rather than reviews.

Proceedings of selected congresses and symposia, as well as various multi-authored monographs, are also indexed. Those individual papers or chapters which meet the criteria (above) for reviews are included in this bibliography.

Users of *Monthly Bibliography of Medical Reviews* will find an acquaintance with *Medical Subject Headings (MeSH)* useful in determining which subject headings are most appropriate for their needs. *MeSH*, the National Library of Medicine's thesaurus, is the technical language which provides controlled subject access to the biomedical literature indexed for MEDLARS. *MeSH* is published as Part 2 of the January *Index Medicus* (see list of publications, inside front cover).

Although the most specific terms available in *MeSH* are used in indexing articles for *Index Medicus*, broader headings are used for reviews to enable grouping of similar material.

TYPICAL CITATIONS





NATIONAL LIBRARY OF MEDICINE LITERATURE SEARCHES

These bibliographies are reprints of literature searches requested by individual physicians, scientists, and other health professionals, and are considered to be of wide interest. Single copies may be ordered by number and title from NLM at no charge.

L.S. No.	Title	L.S. No.	Title
74-1	Nutrition in burns. January 1970 through January 1974. 47 citations.	75-5	Psychological aspects of breast cancer. January 1970 through December 1974. 44 citations in English.
74-2	Rehabilitation in spinal cord injuries. January 1970 through January 1974. 173 citations.	75-6	Clinical control, reliability and standards in clinical laboratories. (Updates L.S. 71-25). November 1971 through December 1974. 559 citations in English.
74-3	Genetic counseling (updates L.S. 71-2). April 1971 through January 1974. 363 citations.	75-7	Patient education. January 1973 through July 1975. 263 citations in English.
74-4	Genetic intervention (with emphasis on ethical, legal and religious aspects of genetic control). January 1970 through January 1974. 123 citations.	75-8	Hypertension in the child and adolescent. January 1973 through August 1975. 106 citations in English.
74-5	Acupuncture (Updates L.S. 73-9), April 1973 through April 1974. 181 citations.	75-9	Hypertension in the elderly. January 1973 through August 1975. 204 citations in English.
74-6	Audiovisual aids, and computer assisted and programmed instruction in medical education. (Updates L.S. 72-10), May 1972 through April 1974. 203 citations in English.	75-10	Rights of mentally handicapped patients. January 1973 through September 1975. 66 citations.
74-7	Audiovisual aids, and computer assisted and programmed instruction in nursing education. (Updates but also includes citations from L.S. 72-11) January 1970 through April 1974. 116 citations in English.	75-11	Hypnosis in dentistry. January 1973 through August 1975. 40 citations.
74-8	Audiovisual aids, and computer assisted and programmed instruction in allied health occupation education. (Updates L.S. 72-13). May 1972 through April 1974. 57 citations in English.	75-12	Patient compliance in therapy. January 1973 through September 1975. 74 citations in English.
74-9	Audiovisual aids, and computer assisted and programmed instruction in dental education (Updates L.S. 72-12). May 1972 through April 1974. 45 citations in English.	75-13	Hypnosis in medicine. January 1973 through September 1975. 89 citations.
74-10	Nutrition in trauma. January 1970 through April 1974. 229 citations.	75-14	Hypertension: diagnosis, occurrence and prevention (with emphasis on essential Hypertension in the U.S.). (Updates L.S. 73-32). August 1973 through September 1975. 240 citations in English.
74-11	Intestinal bypass for morbid obesity. January 1970 through April 1974. 96 citations.	75-15	Dietary fiber. January 1973 through October 1975. 105 citations.
74-12	Breast neoplasms in the male. January 1970 through May 1974. 124 citations.	75-16	Diagnosis and treatment of myocardial infarction. (Citations were limited to 1974 and 1975 publication date.) January 1974 through October 1975. 233 citations in English.
74-13	Low birth weight infants. Causation, complications, development. January 1970 through April 1974. 510 citations in English, French, German.	75-17	Breast cancer: epidemiology, etiology, genetics, immunology, and pathology. January 1973 through October 1975. 385 citations in English.
74-14	Reaction to infant death by family and social and legal institutions. January 1970 through April 1974. 92 citations.	75-18	Breast cancer: therapy. January 1973 through October 1975. 382 citations in English.
74-15	Malpractice. January 1970 through April 1974. 373 citations in English.	75-19	Effects of microwave radiation. January 1973 through October 1975. 94 citations.
74-16	Informed consent. January 1970 through April 1974. 272 citations.	75-20	Auditory evoked response (ERA) in the infant and preschool child. January 1973 through October 1975. 66 citations.
74-17	PSROs (Professional Standards Review Organizations) January 1970 through June 1974. 179 citations.	75-21	Medical devices—safety, regulation, and legislation (with emphasis on devices directly used by patients). January 1973 through October 1975. 80 citations in English.
74-18	Therapy of hyperactivity due to minimal brain dysfunction. January 1972 through June 1974. 167 citations.	75-22	BCG and cancer. January 1973 through October 1975. 333 citations.
74-19	Hyperactivity due to minimal brain dysfunction. (Includes all aspects except therapy. The latter is found in L.S. 74-18.) January 1972 through June 1974. 256 citations.	75-23	Prevention of industrial accidents. January 1973 through October 1975. 177 citations.
74-20	Adverse effects of oral contraceptives. (Updates L.S. 70-2) January 1970 through June 1974. 943 citations.	75-24	Contraception in males. January 1973 through November 1975. 142 citations.
74-21	The B vitamins in pregnancy and oral contraception. January 1973 through June 1974. 171 citations.	75-25	Adverse effects of vinyl chloride. January 1973 through November 1975. 129 citations in English or with an English abstract.
74-22	Nutrition for the aged. (Includes nutritional deficiency states) January 1972 through June 1974. 211 citations in English.	75-26	Sport medicine. January 1973 through December 1975. 511 citations.
75-1	Retinitis pigmentosa. January 1972 through December 1974. 148 citations.	75-27	Infant sleep. January 1973 through December 1975. 80 citations.
75-2	Acupuncture. (Updates Literature Search 74-5). May 1974 through December 1974. 174 citations.	75-28	EMI scanner (computerized axial tomography. January 1973 through December 1975. 83 citations.
75-3	Diethylstilbestrol and gynecologic neoplasms. January 1970 through December 1974. 80 citations.	75-29	Child abuse. August 1973 through December 1975. 353 citations.
75-4	Hypertension and smoking related to heart diseases. January 1972 through December 1974. 261 citations in English.	75-30	Labor induction. January 1973 through December 1975. 478 citations.
		76-1	Government/non-government funding of cancer detection and therapy. January 1973 through November 1975. 72 citations.

<u>L.S. No.</u>	<u>Title</u>	<u>L.S. No.</u>	<u>Title</u>
76-2	Amniocentesis. January 1973 through December 1975. 308 citations.	76-30	Post-partum depression. January 1974 through May 1976. 44 citations.
76-3	Nutrition and mental development. January 1973 through December 1975. 109 citations.	76-31	Sarcoidosis. January 1974 through May 1976. 361 citations in English or with English Abstract.
76-4	Human experimentation. January 1973 through December 1975. 291 citations.	76-32	Ambulance service. (Updates Literature Searches 72-26, 72-27 and 72-28) September 1972 through July 1976. 385 citations.
76-5	Confidentiality of medical records. January 1973 through December 1975. 106 citations.	76-33	Vasoactive intestinal polypeptide. January 1974 through June 1976. 49 citations.
76-6	Ethnic and racial factors in hypertension. January 1973 through December 1975. 78 citations in English.	76-34	The National Library of Medicine: selected references from biomedical literature. January 1966 through July 1976. 471 citations.
76-7	Medicine and health in China. January 1973 through December 1975. 279 citations.	76-35	Informed consent. May 1974 through June 1976. 403 citations. (Updates Literature Search 74-16)
76-8	Dental care for the handicapped. January 1973 through December 1975. 206 citations.	76-36	The role of interferon and interferon inducers in cancer. January 1974 through June 1976. 127 citations.
76-9	Problem oriented medical records. January 1973 through December 1975. 174 citations.	76-37	Provision of health care to the poor in the U.S. (Updates Literature Search 72-21). July 1972 through July 1976. 359 citations.
76-10	Genetic counseling. February 1974 through December 1975. 366 citations. Updates L.S. 74-3.	76-38	Neonatal Drug Addiction. January 1974 through November 1976. 83 citations.
76-11	Adverse effects of oral contraceptives as related to blood coagulation. January 1974 through December 1975. 148 citations.	76-39	Untoward Effects of Talc. January 1974 through November 1976. 33 citations.
76-12	Trauma and cancer. January 1973 through December 1975. 41 citations.	77-1	Guillain-Barre syndrome. January 1975 through June 1977. 108 citations.
76-13	Attitude towards death. January 1974 through February 1976. 156 citations in English.	77-2	Mammography. January 1975 through June 1977. 282 citations.
76-14	Water fluoridation. January 1974 through January 1976. 88 citations in English.	77-3	Dietary fiber. (Updates LS 75-15.) January 1975 through June 1977. 222 citations.
76-15	Hyperalimentation. January 1974 through January 1976. 234 citations.	77-4	Bismuth toxicology. January 1975 through July 1977. 54 citations.
76-16	Radiation-induced neoplasms. January 1974 through February 1976. 120 citations in English.	77-5	Ozone toxicology. January 1975 through July 1977. 87 citations.
76-17	Sudden unexpected death in infants. January 1974 through March 1976. 159 citations.	77-6	Thallium toxicology. January 1975 through July 1977. 59 citations.
76-18	Sudden cardiac death. January 1974 through March 1976. 277 citations.	77-7	Bone marrow transplantation in leukemia and solid tumors. January 1975 through July 1977. 83 citations.
76-19	Health services for adolescents. January 1974 through March 1976. 312 citations.	77-8	Platinum complexes in the treatment of cancer. January 1975 through July 1977. 65 citations.
76-20	Aspirin and blood coagulation. January 1974 through April 1976. 121 citations.	77-9	Saccharin. January 1970 through July 1977. 109 citations.
76-21	Pesticides and the ecosystem. January 1974 through April 1976. 95 citations in English.	77-10	Failure to thrive. January 1975 through July 1977. 77 citations.
76-22	Carcinoembryonic antigen and cancer. January 1974 through April 1976. 188 citations in English.	77-11	Effects of silicone on the breast. January 1975 through June 1977. 52 citations.
76-23	Histones and gene expression. January 1974 through April 1976. 55 citations.	77-12	Endogenous opioid peptides (endorphins). January 1975 through September 1977. 184 citations.
76-24	Psychosurgery. January 1974 through April 1976. 252 citations.	77-13	Euthanasia and the right to die. January 1975 through August 1977. 207 citations.
76-25	Recombinant DNA. January 1974 through April 1976. 174 citations.	77-14	Asbestos toxicity. January 1970 through July 1977. (Includes and updates L.S. 73-31.) 698 citations.
76-26	Sex roles: their influence on individual behavior and on social institutions. January 1974 through April 1976. 275 citations.		
76-27	Herbal medicine. January 1974 through May 1976. 121 citations.		
76-28	Licorice in the treatment of peptic ulcer. January 1974 through May 1976. 56 citations.		
76-29	Swine influenza. January 1966 through May 1976. 148 citations.		

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bibliography of medical reviews

Subject Section

Medical reviews are defined by NLM, for inclusion in the "Bibliography of Medical Reviews," as papers which are well documented surveys of the recent biomedical literature.

Not included are: reviews of the literature which document case reports or original research; statistical and epidemiological surveys; historical reviews; bibliographies which comprise only a listing of references; monthly summaries of subject areas which appear as a regular feature in journals; theses; and lengthy articles covering many aspects of a specific subject which are more appropriately considered as refresher courses rather than reviews.

Although the most specific terms available in *Medical Subject Headings* are used in indexing articles for *Index Medicus*, broader headings are applied for reviews to enable grouping of similar material.

ABDOMEN

Prophylaxis of pulmonary complications following abdominal surgery, including atelectasis, ARDS, and pulmonary embolism. Schmidt GB. *Surg Annu* 9:29-73, 1977 (367 ref.)

ABNORMALITIES, DRUG-INDUCED

Some aspects of teratogenesis and mutagenesis in mammalian embryos. Bass R, et al. *J Toxicol Environ Health* 2(6):1353-74, Jul 77 (20 ref.)

[Sensitivity of mother and child to analgesics and antipyretics] Rossignol P. *Arch Fr Pediatr* 34(5):463-73, May 77 (116 ref.) (Fre)

[On certain embryopathies induced by teratogenic agents (author's transl)] Majewski F. *Monatsschr Kinderheilkd* 125(6):609-20, Jun 77 (135 ref.) (Eng. Abstr.) (Ger)

ACETAMINOPHEN

Acetaminophen. Ameer B, et al. *Ann Intern Med* 87(2):202-9, Aug 77 (93 ref.)

ACETYLCHOLINE

The function of acetylcholine released from sympathetic fibres. Burn JH. *Clin Exp Pharmacol Physiol* 4(1):59-100, Jan-Feb 77 (108 ref.)

Acetylcholine and mental disease. pp. 434-41. Davis JM, et al.

In: Usdin E, et al., ed. *Neuroregulators and psychiatric disorders*. New York, Oxford Univ Press, 1977. WM 100 N494 1976. (18 ref.)

Cholinergic mechanisms in neurological and psychiatric disorders. pp. 442-50. Davis KL, et al.

In: Usdin E, et al., ed. *Neuroregulators and psychiatric disorders*. New York, Oxford Univ Press, 1977. WM 100 N494 1976. (48 ref.)

Nerve growth factor-induced increase in electrical excitability and acetylcholine sensitivity of a rat pheochromocytoma cell line. Dichter MA, et al. *Nature* 268(5620):501-4, 11 Aug 77 (21 ref.)

ACHONDROPLASIA

Lumbar spinal stenosis. Epstein BS, et al. *Radiol Clin North Am* 15(2):227-39, Aug 77 (29 ref.)

ACTINOMYCETALES

[Principles of modern classification of Actinomycetales. I. Analytical serology] Mordarska H. *Postepy Hig Med Dosw* 31(2):149-70, May-Jun 77 (129 ref.) (Pol)

ACTION POTENTIALS

Possible role of sodium- and calcium-mediated action potentials in re-entry. pp. 15-23. Carmeliet E.

In: Kulbertus HE, ed. *Re-entrant arrhythmias*. Baltimore, Univ Park Press, 1977. WG 330 R327 1976. (15 ref.)

Effects of pharmacological agents on mechanisms responsible for re-entry. pp. 283-93. Rosen MR.

In: Kulbertus HE, ed. *Re-entrant arrhythmias*. Baltimore,

Univ Park Press, 1977. WG 330 R327 1976. (34 ref.) Nerve growth factor-induced increase in electrical excitability and acetylcholine sensitivity of a rat pheochromocytoma cell line. Dichter MA, et al. *Nature* 268(5620):501-4, 11 Aug 77 (21 ref.)

ACUPUNCTURE

Therapeutic acupuncture: a selective review. Rubin P. *South Med J* 70(8):974-7, Aug 77 (66 ref.)

ADAPTATION, PHYSIOLOGICAL

Physiological responses and adaptations to high altitude. Lahiri S. *Int Rev Physiol* 15:217-51, 1977 (160 ref.)

Specificity of exercise and specificity of training: a subcellular review. McCafferty WB, et al.

Res Q Am Assoc Health Phys Educ 48(2):358-71, May 77 (124 ref.)

ADAPTATION, PSYCHOLOGICAL

Illness behavior, social adaptation, and the management of illness. A comparison of educational and medical models. Mechanic D. *J Nerv Ment Dis* 165(2):79-87, Aug 77 (25 ref.)

Psycho-social aspects of recovery from coronary heart disease: a review. Doehrmann SR. *Soc Sci Med* 11(3):199-218, Feb 77 (191 ref.)

[Oxygen effect and the intracellular oxygen content (the adaptation hypothesis)] Iarmonenko SP, et al. *Radiobiologia* 17(3):323-35, May-Jun 77 (58 ref.) (Eng. Abstr.) (Rus)

ADENOCARCINOMA

Surgical treatment of cancer of the gallbladder] Linchenko IF, et al. *Vopr Onkol* 23(5):99-110, 1977 (118 ref.) (Rus)

ADENOSINE CYCLIC 3',5' MONOPHOSPHATE

Cyclic AMP and the kidney: from a clinical point of view. Proesmans W, et al. *Acta Paediatr Belg* 30(2):67-75, Apr-Jun 77 (61 ref.)

Cyclic nucleotides and synaptic transmission in sympathetic ganglia. Kebabian JW. *Adv Biochem Psychopharmacol* 16:533-9, 1977 (20 ref.)

Pharmacological control of the synthesis and metabolism of cyclic nucleotides. Weiss B, et al.

Adv Pharmacol Chemother 14:189-283, 1977 (700 ref.)

Cyclic adenosine monophosphate in cerebrospinal fluid of patients with affective illness: effects of probenecid, activity, and psychotropic medications. pp. 464-9. Post RM, et al.

In: Usdin E, et al., ed. *Neuroregulators and psychiatric disorders*. New York, Oxford Univ Press, 1977. WM 100 N494 1976. (38 ref.)

Oscillations in calcium-cyclic AMP control loops form the basis of pacemaker activity and other high frequency biological rhythms. Rapp PE, et al. *J Theor Biol* 66(3):497-525, 7 Jun 77 (159 ref.)

Regulation of enzyme synthesis by catabolic repression with

participation of adenosine-3',5'-cyclomonophosphate in microorganisms] Eremenko VV, et al.

Izv Akad Nauk SSSR [Biol] (2):209-18, Mar-Apr 77 (89 ref.) (Rus)

[Role of cyclic adenosine-3',5'-monophosphate in the regulation of bacterial gene transcription] Gershonovich VN. *Izv Akad Nauk SSSR [Biol]* (3):429-39, May-Jun 77 (54 ref.) (Eng. Abstr.) (Rus)

ADENOSINE TRIPHOSPHATASE

Relations among Na⁺-K⁺-ATPase activity, sodium pump activity, transmembrane sodium movement, and cardiac contractility. Brody TM, et al. *Fed Proc* 36(9):2219-24, Aug 77 (21 ref.)

Dissociation of Na⁺-K⁺-ATPase inhibition from digitalis inotropy. Okita GT. *Fed Proc* 36(9):2225-30, Aug 77 (35 ref.)

Recent advances in cardiac glycoside-Na⁺-K⁺-ATPase interaction. Wallack ET, et al. *Fed Proc* 36(9):2214-8, Aug 77 (33 ref.)

ADENYL CYCLASE

Catecholamine-sensitive adenylate cyclases in nervous tissues. Iversen LL. *J Neurochem* 29(1):5-12, Jul 77 (99 ref.)

ADIPOSE TISSUE

Adipose cell size and number in relation to obesity. Häger A. *Postgrad Med J* 53(2):101-10, 1977 (35 ref.)

ADRENAL MEDULLA

Role of the adrenal medulla in thermoregulation. Robertson D. *Int Rev Physiol* 15:189-215, 1977 (58 ref.)

ADRENERGIC BETA RECEPTOR AGONISTS

Newer medications to aid treatment of asthma. Brandon ML. *Ann Allergy* 39(2):117-29, Aug 77 (58 ref.)

ADSORPTION

Persorption of particles: physiology and pharmacology. Volkheimer G. *Adv Pharmacol Chemother* 14:163-87, 1977 (9 ref.)

AFFECTIVE DISTURBANCES

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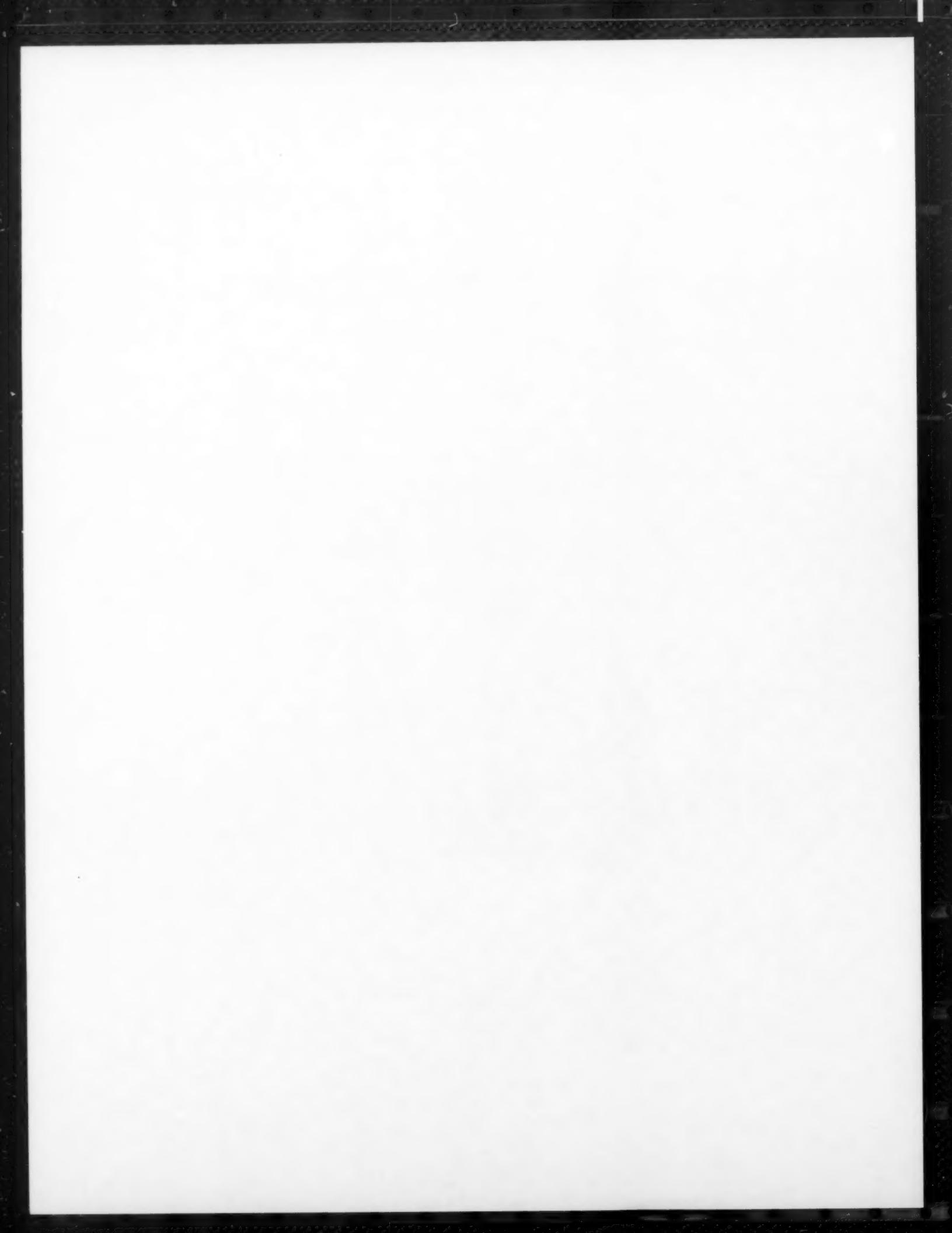
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